A DECEMBER OF THE SECRET PROGRAMMENT OF THE PROGRAMMENT OF THE PROGRAMMENT OF THE PROGRAMMENT OF THE PROGRAMMENT OF

SVOBODA, M.; PUCHTA, V.; JIRICKA, Z.

Early tolerance to acetrizoate and distrizoate. (Experimental study). Cas. lek. cesk. 104 no.31:840-844 30 J1 '65.

1. Ustav hematologie a krevni transfuze v Praze (reditel prof. dr. J. Horejsi, DrSc.) a Farmakologicky ustav Ceskoslovenske akademie ved v Praze (reditel prof. dr. H. Raskova, DrSc.).

JIRICKA, Z., Dr.; PROKSAN, F., Dr.

Unusual cause of Pancoast-Tobias syndrome. Cas. lek. cesk.
94 no.26:718-719 24 June 55.

1. Z interni kliniky byg. epid. smeru LFKU, prednosta prof.
MUDr. Vratislav Jonas a z prosektury statni fskultni nenocnice
v Praze 12, prednosta prim. MUDr. J. Stolz.

(PANCOAST SYNDROME, etiology and pathogenesis
inflamm. of lung after tuberc.)

(TUBERCULOSIS, PULMONARY, complications
inflamm. process causing Pancoast synd.)

Grinding flat threads on the Soviet MM 582 grinding machine.
Stroj vyr 11 no.5:258 My '63.

1. Adamovske strojirny, n.p., Adamov.

SVIHOVEC, J.; MASEK, K.; JIRICKA, Z.

Mechanism of the effect of staphylococcus toxin on blood pressure.
Physiol. bohemoslov. 12 no.1:51-54 '63.

1. Department of Pharmacology, Faculty of Paedistrics, Prague, and Gentral Pharmacology Laboratories, Czechoslovak Academy of Sciences, Prague.

(STAPHYLOCOCCUS) (TOXINS AND ANTITOXINS) (BLOOD PRESSURE)

(ADRENAL GLANDS) (CATECHOLAMINES)

JIRICKE, L.

The OPD 25 oscillograph for slow-speed wave forms.

P. 28. (SLABOPROUDY OBZOR) (Praha, Czechoslovakia) Vol. 19, no. 1, Jan. 1958

SO: Monthly Index of East European Accession (EEAI) IC Vol. 7, No. 5, 1958

INDUSTRIAL MEDICINE

Legel Broth Called British and Called British British

CZECHOSLOVAKIA

UDC 616.2-097.2-057

HLAVACEK, V.; PASKOVA, Z.; JIRICNY, J.; Otolaryngological Clinic Medical Faculty of Hygiene, Charles University (Otolaryngologic-ka Klinika Lek. Fak. Hygienicke KU), Prague, Head (Prednosta) Prof Dr. V. HLAVACEK; Department for Allergic Diseases, Faculty Hospital (Alergologicke Oddeleni Fakultni Nemocnice), Prague 10, Head (Primar) Dr B. HODEK.

"Investigations of Occupational Allergies of the Respiratory Pathways."

Prague, Casopis Lekaru Ceskych, Vol 105, No 31, 9 Aug 66, pp 837 - 842

Abstract (Authors' English summary modified 7: Evaluation of occupational allergies was made in 230 patients. Allergies are caused either by noxious substances or by primary irritants. Classification of various occupations according to frequency of allergies caused in personnel is given. Sensitizing agents occurring in working places and at home are discussed. Influence of heredity is evaluated. Preventive measures are described. 3 Tables, 3 Western, 2 Czech, 1 East German reference. (Manuscript received Jan 66).

JIRICNY, Jan

Plimasin & sandosten calcium Sandoz in therapy of vasomotor rhinitis. Cesk. otolar. 7 no.4:223-228 Aug 58.

1. ORL klinika hygienicke fakulty KU, prednosta prof. Dr. V. Hlavacek. (RHINITIS, ther.

methylphenidylacetate with tripelennamine & sandostene in vasomotor rhinitis (Cs))

(METHYLPHENIDYIACETATE, ther. use

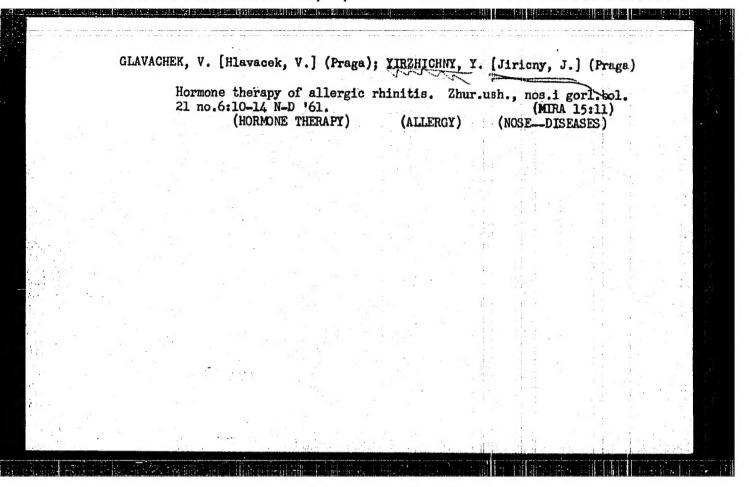
rhinitis, vasomotor, with tripelemnamine & sandostene (Cz))

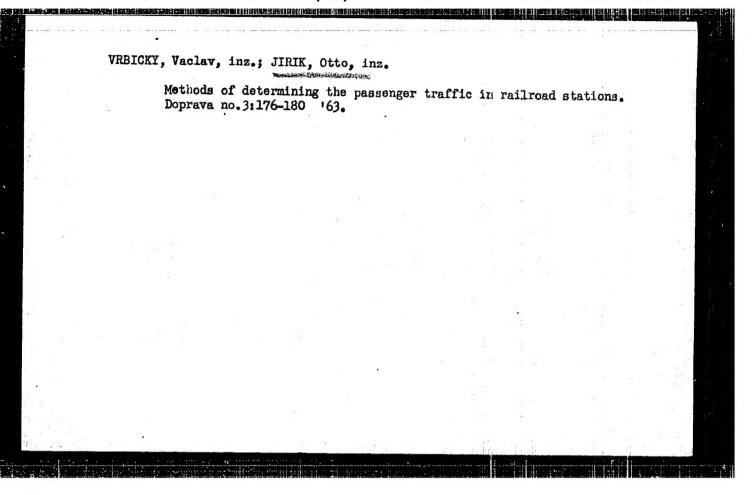
(TRIPMLENNAMINE, ther. use

rhinitis, vasomotor, with methylphenidylacetate & saniostene (Cz))

(ANTIHISTAMINICS, ther. use

sandostene in vasomotor rhinitis, with methylphenidylacetate (Cz))





MLADEJOVSKY, Miroslav, inz.; JIRIK, Otto, inz.

Development of the railroad network of the Ostrava Junction. Zel dop tech 11 no.10:302-303, 311 '63.

CEJKA, Milan; JIRIK, Vladimir; KRYZE, Branko

<u>tago della di la Considera della distraci di Presidenti d</u>

Current status of the production and use of petroleum products. Prac. lek. 7 no.82366-370 0 1 65.

1. Benzina, n.p., Praha; Ustav hygieny, Praha; Ministerstvo zdravotnictvi, Praha.

STEPANEK, M.; BINOVEC, J.; CHALUPA, J.; JIRIK, V.; SCHMIDT, P.; ZELIHKA, M.

Problems of water blooms in hygiene of water.II Water blooms on Czechoslovak reservoirs and ponds. Cesk. hyg. 9 no.4: 209-215 My'64

1. Ustav hygieny, Praha.

Personal hygiens. Cesk. hyg. 7 no.6:340-342 Jl '62.
(DEHMATOLOGY) (HYGIENE) (OCCUPATIONAL DEMMATITIS prev & scntrol)

JIRIK, Z.

Some experience from examination of standardization for producers in the light-feed industry equipment, p. 40

NORMALIZACE. (Urad pro normalizac) Praha, Czechoslovakia, Vol. 7, no. 3, Sept. 1959

Monthly List of East European Accessions (EEAI), LC. Vol. 9, no. 2, Feb. 1960

Uncl.

JIRIKOVA, D.; RUBIN, A.

Diagnosis and therapy of streptococcal infections in children's centers with long-term observation at home and in children's homes. Cesk. pediat. 17 no.11:1008-1112 N '62.

1. Statni sanatorium v Praze, detske oddeleni. (STREPTOCOCCAL INFECTION)

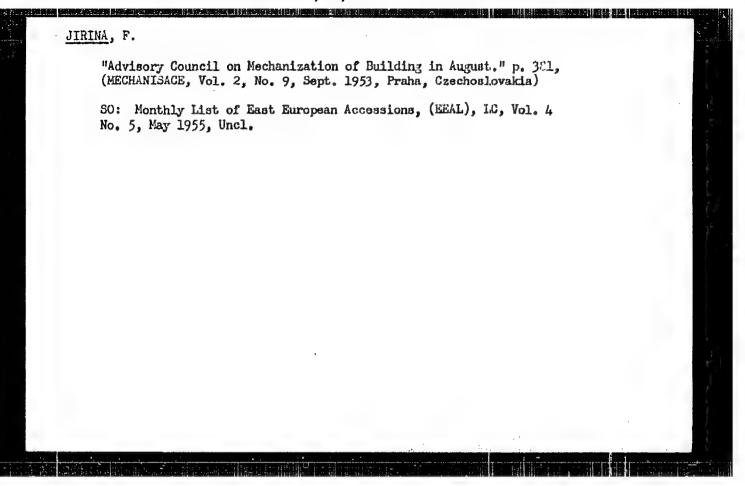
Mortality in children within 24 hours after admission into the hospital. Pediat. listy, Praha 7 no.2:97-102 Mar-Apr 1952.

1. Of the Second Pediatric Clinic (Head--Prof. J. Brdlik, M. D.) of Charles University, Prague.

JIRINA, F.

"Lubrication of Diesel Engines." p. 380.
(MECHANISACE, Vol. 2, No. 9, Sept. 1953, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EGAL), IC, Vol. 4, No. 5, May 1955, Uncl.



JIRINA, F.

"Lignite Instead of Coke and Coal in the Building Industry." p. 239, Praha, Vol. 3, no. 7, July 1953.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

JIRINA, F.

E. Safr and A. Dyk's <u>Technika mazani v primyslovych zavodech</u> (<u>Lubrication Technique in Industrial Enterprises</u>). p. 283. (Energetika, Vol. 6, no. 6, June 1956. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions. (EEAL) LC. Vol. 6, No. 6, June 1957. Uncl.

JIRINA, F.

Why is machine lubrication an important maintenance component? A feuilleton about small causes and big consequences, and about things which people do not know, or, are about things in which they are not interested. p. 403.

STAVIVO. (Ministerstvo stavebnictvi) Praha, Czechoslovakia, Vol. 36, no. 10, Oct. 1958.

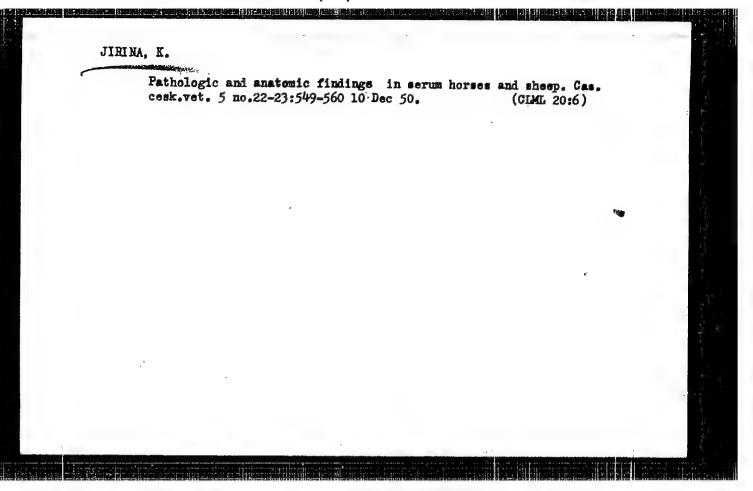
Monthly list of East European Accessions (EEAI), LC, Vol. 3, no. 7, July 1959 uncla.

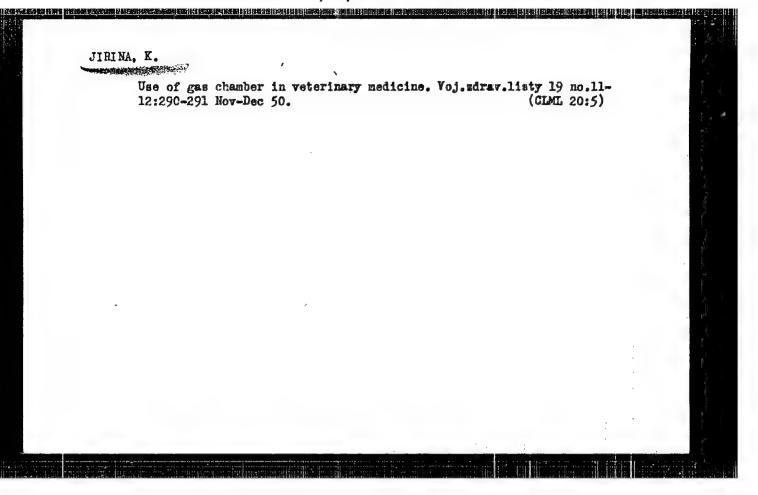
JIRINA K. O octkovani zvirat proti tetanu The inoculation of animals against tetanus Vojenske Zdravotnicke Listy, Prague (Czechoslovakia) 1947, 16/4 (165-168)

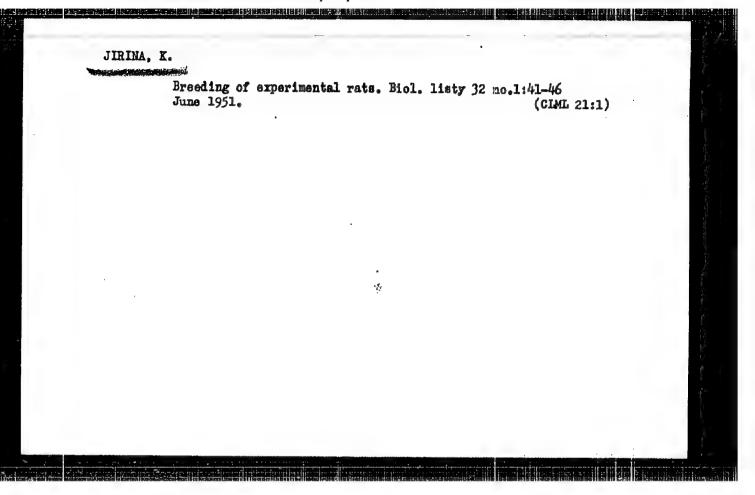
The author investigated experimentally preventive inoculation of horses against tetanus, according to the method of Descombey, using tetanus toxcid with additional substances to increase the immunity produced. He used the formol toxoid (prod. of the State Institute of Health, Prague), tetatoxoic 'Asid' and the formol toxoid of Behring. Two injections of 10 cc of anatoxin (or 5 cc of tetatoxoid 'Asid') were given at an interval of four weeks. The animal became immune 1h days after the second injection. The immunization of all horses in a tetanus area is strongly recommended. Tetanus anatoxoid may be given as an emergency measure in cases of deep injuries, dirty wounds, and before surgical operations. Ten cc (or 5 cc) of the formol-toxoid should be given and at least 50,000 UA units of tetanus serum should be administered at the same time. The author recommends for treatment 250,000 UA units of serum repeated daily as well as sedative, protein therapy and cardiac stimulants.

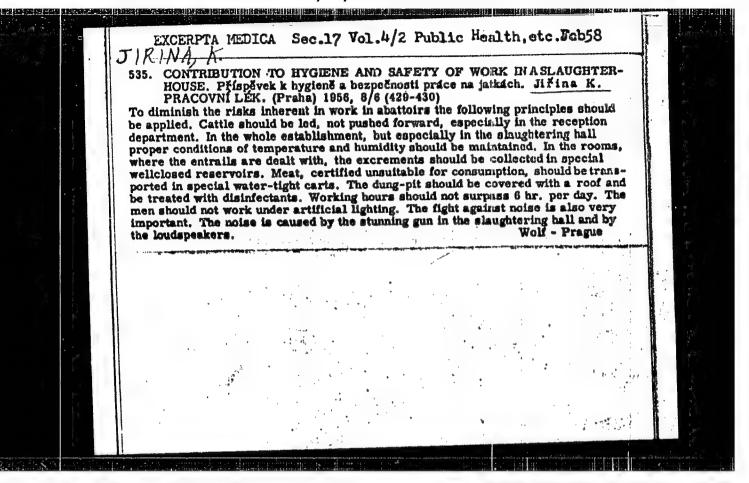
Kolda-Prague

SO: Medical Microbiology and Hygiene, Section IV, Vol. I, #1-6









CZECHOSLOVAKIA / Zooparasitology - Parasitic Protozoa.

G-1

Abs Jour

: Ref Zhur - Biol., No 18, 1958, No. 81652

Author

: Jirina, K.

Inst

: Not given

Title

: Trypanosomiasis of White Rats and Hamsters

Orig Pub

: Chovatel, 1957, No 3, 46

Abstract

: The causative agent of the disease in white and gray rats is Trypanosoma lewisi, in hamsters, T. criceti-They are transmitted through fleas and lice. The fleas from the intostinal tract, expelled with excrement, can transmit trypanosoma through rats orally and end up by way of mouth mucus into the body. The severe stage occurs when trypanosoma appear in the blood plasma on the 2 - 4 - 7th day. The chronic stage is characterized by a decrease of trypanosoma in plasma. Upon their disappearance a lengthy immunity develops. - T. N. Timofeyova

Card 1/1

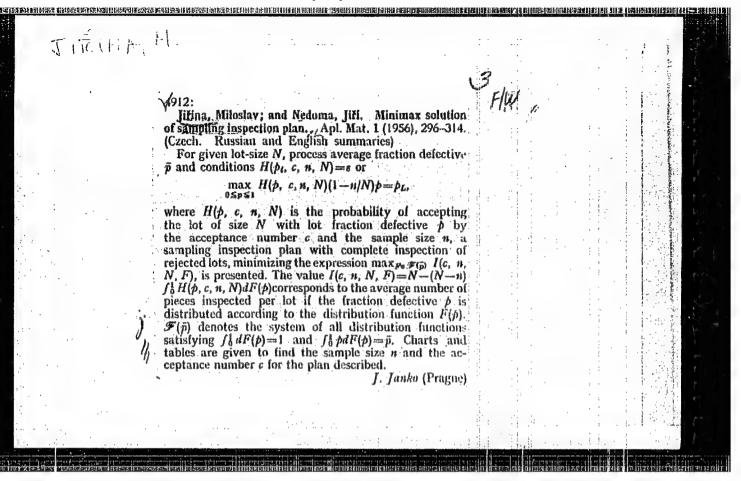
JIRINA, K.

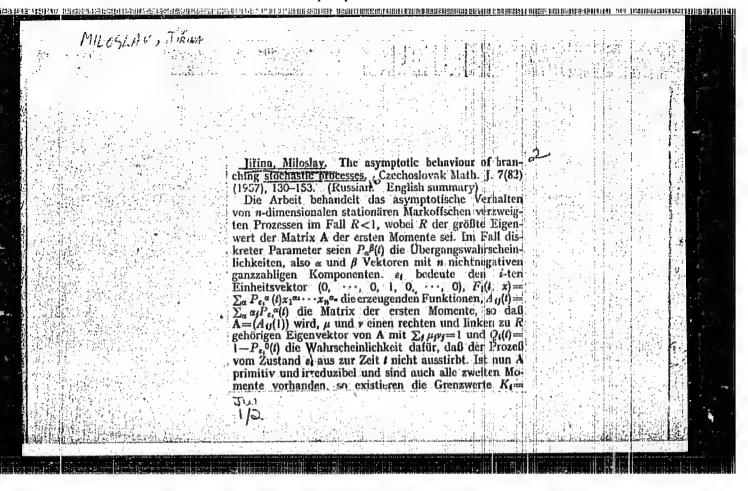
"Finds of medieval horse shoes in the Podebrady region"
Casky Lid. Praha, Czechoslovakia. Vol. 46, no. 2, 1959

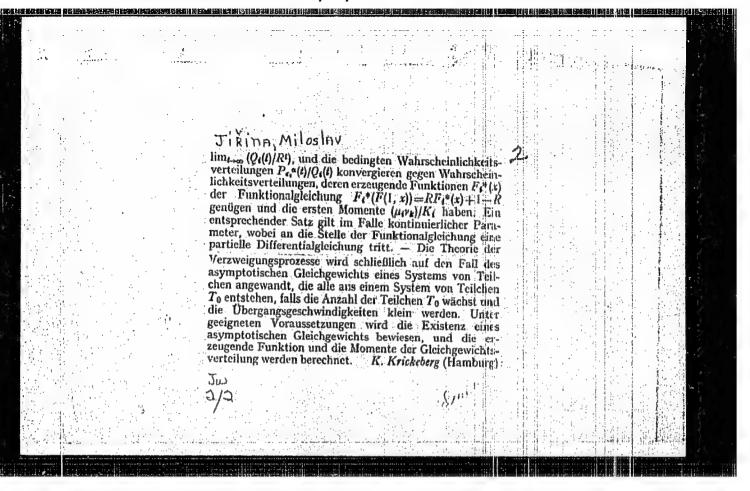
Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Uncles

J. L. Doob's Stochastic Processes; a book review. p. 257
CASOPIS PRO PESTOVANI NATEMATIKY
Vol. 61, no. 2, May 1956
Czechoslovakia

SOURCE: EEAL, Vol. 5, no. 11, Nov. 1956







SRAIER, V.; JIRINA, M.

Evaluation of a method for chain breaking in the block polymerization of n - butyl methacrylate. Coll Cz Chem 25 no.9:2296-2306 S 160. (EEAI 10:9)

1. Institut fur Kernphysik, Tschechoslowakische Akademie der Wissenschaften, Prag und Mathematisches Institut, Tschechoslowakische Akademie der Wissenschaften, Prag.

(Polymers and polymerization) (Butyl mathacrylate)

IRZHINA, Miloslav [Jirina, Miloslav]

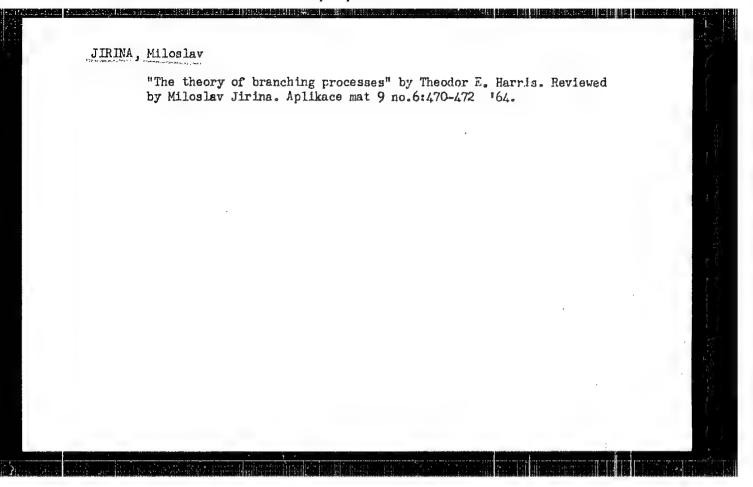
Harmonizable splutions of ordinary differential equations with random coefficients and random right-hand side. Chekhosl mat zhurnal 13 no.3:360-371 S '63.

1. Matematicky ustav, Ceskoslovenska akademie ved, Praha 1, Zitna 25.

JIRINA, Miloslav

Remark on infinitely divisible nonnegative distributions. Cas propest mat 89 no.3:347-353 Ag '64.

1. Institute of Mathematics, Czechoslovak Academy of Sciences, Frague 1, Zitna 25.



JIRINEC, Miloslav, inz.

Precision of trigonometric survey of facade elevations. Geod kart obtor il no.2:40-44 F 165.

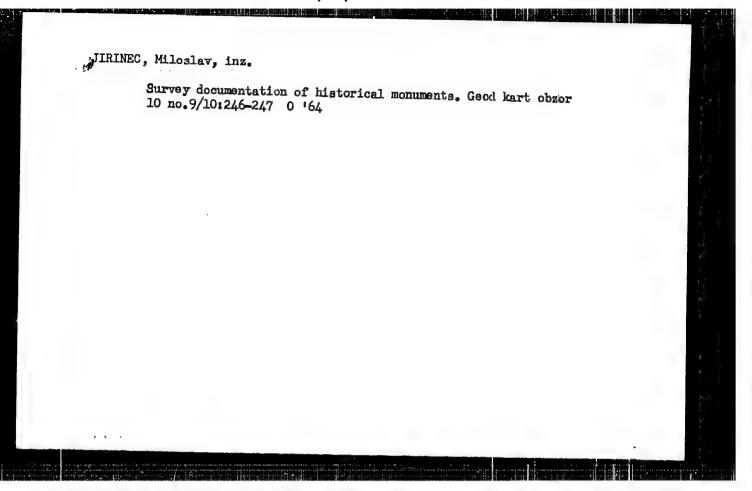
1. State Institute of Monument Care and Nature Protection, Prague.

JIRINEC, J.

Graphic determination of the exchange of targets in intersecting. p. 133. (Geodeticky A Kartograficky Obzor, Vol. 2, No. 7, Jul 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol 6, No. 8, Aug 1957, Unel

11220-66 ACC NR. AP6004789 SOURCE CODE: 02/0021/65/000/002/0040/0014 AUTHOR: Jirinec, Miloslav (Engineer) CRG: State Institute for the Care of Historical Monuments and Protection of Natura, Frague (Statni ustav pamatkove pece a ochrany prirody) TITIE: Precision of trigonometrical surveying of elevations on facades SOURCE: Geodeticky a kartograficky obzor, no. 2, 1965, 40-44 TOPIC TAGS: geographic survey, geodesy, geodetic survey ABSTRACT: The article presents a method of determining the error of measurement in surveying the elevations of facades on buildings of historical interest. Onig. art. has: 5 figures, 13 formulas, and 2 tables. [JPRS] SUB CODE: 08 / SUBM DATE: none / ORIG REF: 003 / SOV REF: 002 Card 1/1 UDC: 528 489:930.28



S/081/62/000/015/008/038 B168/B101

5.3700 AUTHORS:

Jirinec, S., Bazant, V., Chvalovsky, V.

TITLE:

Organosilicon compounds. XXVII. Reduction of alkoxychlorq-

silanes by metal hydrides

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 15, 1962, 256 - 257, abstract 15Zh286 (Collect. Czechosl. Chem. Communs, v.26,

no. 7, 1961, 1815 - 1825)

TEXT: The reduction of (RO)₃SiCl (Ia-c, where (a) R = C_2H_5 , (b) R = iso- C_3H_7 , (c) R = tert- C_4H_9), R_2 SiCl(OR!) (IIa-c, where (a) R = R' = C_2H_5 ; (b) R = C_2H_5 , R' = tert- C_4H_9 ; (c) R = R' = CH_3) and C_6H_5 SiCl(OC₃H₇-iso)₂ (III) by the action of LiAlH₄ (IV), LiAl (tert- C_4H_9 O)₃H (V) and NaB(OCH₃)₃H (VI) was studied. The Si-Cl bond was reduced much more easily

than the Si-OR bond; hence the alkoxychlorosilanes could be reduced selectionly to the corresponding alkoxyhydridesilanes. When IV and VI were used Card 1/4

8/081/62/000/015/008/038 B168/B101

Organosilicon compounds. ...

was used the role played by the side reactions diminished, although in the case of the ethoxy derivatives the (C₁H₂O) groups were partially substituted by (tert-C₁H₂O) groups. The influence of the structure and number of R-Si bonds on the reactive capacity of alkoxychlorosilanes was studied. When alkoxychlorosilanes reacted with anhydrous AlCl₃ the corresponding alkyl-chlorides were produced. 43 ml ether solution of 37.7mmole IV was added to a solution of 0.151 mole Ia in 150 ml ether in an N₂ atmosphere (-70°C, 3 hr); after agitation for 30 hr the temperature of the mixture was raised to 20°C (0.771 g SiH being liberated during this period) and 1.1 g of the initial Ia and 2.5 g (C₂H₂O)₂Si (VII) were isolated by distillation of the filtrate. Reduction of 43 g Ta with an excess of V in tetrahydrofuran (60-100 hr) produced (C₂H₂O)SiH. The following figures in reference to the substances isolated are given in the order yield in %, boiling point in C₂C_{mm}, n²D, d²D; 2.9, 38-42/21, 1.6796, -; (C₂H₅O)₂(tert-C₄H₉O)SiH, 12.6, 46-47.5/13, 1.3826, 0.864; (C₂H₅O) (tert-C₄H₉O)₂SiH, 10.6, 57-58/13, -, -; VII, 24, 59-60/13, 1.3810, 0.920, and SiH₄. Reduction of 35 g Ib by the Card 2/4

the reduction was accompanied by condensation reactions and regroupings, as

a result of which the alkoxybydridesilanes could not be isolated. When Y

Organosilicon compounds. ...

S/081/62/000/015/008/036 B168/B101

action of V produced (iso- G_3H_7O) sioSiH(O- G_3H_7 -iso) 4, 78-79/3.5, 1.3907 0.9501 (iso- G_3H_7O) 614 0.961 (iso- G_3H_7O) 61501 (iso- G_3H_7O) 6

Organosilicon compounds.

S/081/62/000/015/008/038 B168/B101

C₆H₅Si(OC₃H₇-iso)₃, 19.5, 82-83/1.3, 1.4493, 0.945, and [C₆H₅SiH(OC₃H₇iso)₂C₅5.8, 130-135/0.9, -, -. Reduction of 17.2 g IIc by the action VI produced (CH₃)₂SiH₂, yield 40.3%, (CH₃)₂SiCl₂, yield 2.9%, and (CH₃)₂Si(OCH₃)₂, 36.8. 74/740, 1.3699, 0.861. 1 g anhydrous AlCl₃ was added to 5 g Ia (72-90°C, 110 min.) and the reaction products yielded 1.5 g C₂H₅Cl. Under analagous conditions (C₂H₅O)₂SiCl₂ and AlCl₃ (78 min.) yielded 93% C₂H₅Cl; Ib and AlCl₃ (12 min.) produced iso-C₃H₇Cl, yield 86%; (iso-C₃H₇O)₂SiCl₂ and AlCl₃ (6 min.) yielded 98% iso-C₃H₇Cl; IIa and AlCl₃ (300 min.) yielded 39% C₂H₅Cl. Report XXVI, see RZhKhim, 1962, 14Zh298. [Abstracter's note: Complete translation.]

Card 4/4

Motor rooms in rolling mills. Elektrotechnik 17 no.11:306-307 N '62.

1. Leninovy zavody, Plzen.

BROD, J.; FRICL, V.; HEJL, Z.; JIRKA, H.

Haemodynamic changes underlying pressor reactions in man. Rev. Czech. M. 4 no.3:170-179 1958.

l. Institute for C_{a} rdiovascular Research, Prague Director: Prof. K. Weber.

(BLOOD PRESSURE, physiology hemodynamic changes underlyign pressor reactions)

JIRKA, J (3930)

Vliv teploty na dychani zabi kuze <u>Effect of heat on cutaneous resuiration of the frog</u>Casopis Lekaru Ceskych, Prague 1949, 88/2 (40-44)

The influence of temperatures between 1 degree and 40 degrees C. was investigated by Warburg's method. The rise of metabolism due to progressive increase in temperature follows the formula of Belehraded $y = \frac{a}{t-z}$ b.

temperature coefficient b being 2.01, and the biological zero x being in this case - 8 C. The inflexion of the curve is around 38 degrees C. (_ maximum metabolism). The oecologic optimum is between 10 degrees and 20 degrees C. At lowest and supraoptimal temperatures the time factor - varying with temperature plays an important role.

Kruta-Hardec Kralove

So: Excernta Medica, Vol II, No. 8, Section II, August 1949

BROD, J.; FENCL, V.; HEJL, Z.; JIRKA, J.

Hemodynamic basis of pressor reactions in man. Cosk. fysiol. 7 no.5: 434-435 Sept 58.

1. Ustav pro choroby obehu krevniho, Praha.
(BLOOD PRESSURM, physiol.
hemodynamic basis of pressor reactions (G2;))

BROD, J.; FENGL, V.; HEJL, Z.; JIRKA, J.

A new method of complex hemodynamic investigation in man. Cesk. fysiol. 7 no.5:435-436 Sept 58.

1. Ustav pro choroby obehu krevniho, Praha.
(BLOOD CIRCULATION, complex hemodynamic exam. (GE))

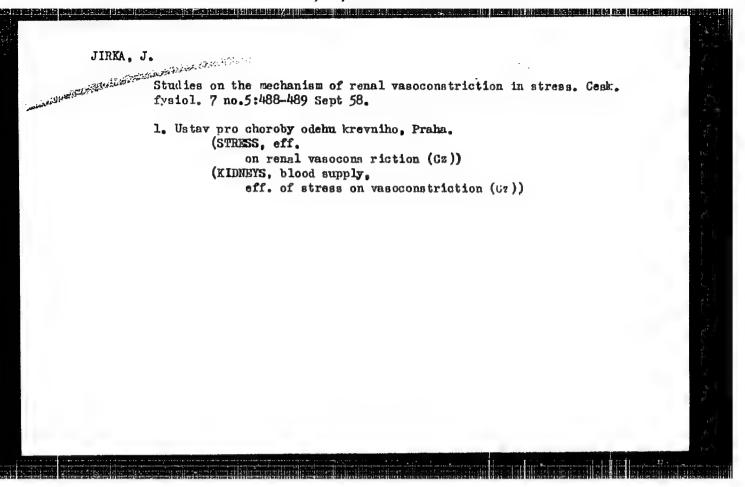
EROD, J.; FENCL, V.; HEJL, Z.; JIRKA, J.; MADIAFOUNEK, J.

Changes of muscle and skin blood supply in the forearm during emotional stress. Cesk. fysiol. 7 no.5:437-438 Sept 58.

1. Ustav pro choroby obehu krevniho, Praha.

(BLOOD CIRCUIATION,
hemodynamic changes in forearm in emotional stress (Cz))

(EMOTIONS, effects,
on homodynamics of forearm (Cz))



JIRKA, J.

"A symposium on the nervous regulation of kidney activity, Berlin, March 28-30, 1958" Ceskoslovenska Fysiologie. Praha, Czechoslovakia. Vol. 8, no. 1, Jan 1959

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 7, July 59, Unclas

BROD, J.; FENCL, V.; HEJL, Z.; JIRKA, J.

Changes in rest hemodynamics in hypertension with special reference to its pathogenesis. Cesk. fysiol. 8 no.5:394-395 S 159

1. Ustav pro choroby obehn krevniho, Praha. (HYPERTENSION, etiol.)

PENEL, V.; HEJL, Z.; JIRKA, J.; EROD, J.

Regional vascular reactions in progressive muscular effort in normal human subjects. Gesk. Tysiol. 8 no.5:400-401 8 '59

1. Ustav pro choroby obehu, krevniho, Praha.

(EXERTION eff.)

(BLOOD CIRCULATION physiol.)

JIRKA, J.; FENCL, V.; HEJL, Z.; EROD, J.

Hyeremia of the skin of the forearm during muscle effort in normal human subjects. Cesk. fysiol. 8 no.52413-414 S '59

1. Ustav pro choroby ubehu krevniho, Praha.
(KERTION eff.)
(MUSCLES blood supply)
(VASOMOTOR SYSTEM physiol.)

EROD, J.; FENCL, V.; HEJL, Z.; JIRKA, J.

Changes in blood pressure during progressive muscular effort in normal human subjects. Cas.lek.cesk. 98 no.49/50:1521-1525 4 D '59.

1. Ustav pro choroby obehu krevniho Praha-Krc, raditel prof. MUDr. Kl. Weber.

(BLOOD PRESSURE physiol.)

(EXERTION eff.)

EROD, J.; FENCL, V.; HEJL, Z.; JIRKA, J.; BARTONICEK, M.; KOTABOVA, E.;
s technicou spolupraci CHRPOVE, V.; KRAUSOVE, E.; VAMICKOVE, M.

Average arterial pressure and the magnitude of pressure amplitude and pulse rate, Cas.lek.cesk. no.13:389-394 160.

(BLOOD PRESSURE)

(PULSE)

BROD, J.; FENGL, V.; HEJL, Z.; JIRKA, J.

The pathogenesis of essential hypertension. Rev. czech. M. 8 no.2: 82-100 '62.

1. Institute for Cardiovascular Research, Prague; Director: Academician

(HYPERTENSION etiology)

CORT, J.H.; FENCL, V.; JIRKA, J.

Factors influencing renal excretion in health and disease. Rev. czech. M. 8 no.2:108-112 '62.

1. Institute for Cardiovascular Research, Prague; Academician K. Weber. (KIDNEY physiology)

FENCL, Vladimir; GANZ, Vilem; CORT, Josef H.; JIRKA, Jiri; technicka spoluprace HORACKOVE, D.; HRABETOVE, J.; KOTRBATE, M.; VANICKOVE, V.

Modification of the renal fraction of the minute volume in hemorrhagic hypotension in the dog. Cas. lek. cesk. 101 no.34:1025-1027 24 Ag '62.

1. Ustav pro choroby obehu krevniho v Praze, reditel doc. dr. J. Brod, DrSc.

(BLOOD VOLUME) (KIDNEYS) (HYPOTENSION)

BROD, J.; FENCL, V.; HEJL, Z.; JIRKA, J.; PRAT, V.; statisticka spoluprace EARTONICEK, M.

Results of long-term treatment of chronic glomerulonephritis with corticoids. Cas. lek. cesk. 101 no.45:1332-1338 9 N '62.

1. Ustav pro choroby obehu krevniho v Praze, reditel doc. dr. J. Brod, DrSc.

(GLOMERULONEPHRITIS) (CORTICOTROPIN) (CORTISONE)

(PREDNISONE)

-JIRKA, 9

2

CZECHOSLOVAKIA

PRAT. V; FENCL, V; JIRKA, J.

Institute of Circulatory Diseases (Ustav pro choroby obehu krevniho), Prague-Krc (for all)

Brno, Vnitrni lekarstvi, No 9, 1963, pp 843-849

"The Clinical Picture and Course of Chronic Renal Failure in Chronic Glomerulonephritis and in Chronic Pyelonephritis."

BROD, J.; FENCL, V.; HEJL, Z.; JIRKA, J.; PRAT, V.

Results of long-term treatment of chronic glimerulonephtitis with corticoids. Acta med. acad. sci. hung. 19 no.2:11.7-125 '63.

1. Institute for Cardiovascular Research (Director: Prof. J. Brod)
Prague, Czechoslovakia.

(GLOMERULONEPHTITIS) (KIDNEY FUNCTION TESTS)
(CORTICOTROPIN)

(PREDNISONE) (CORTICOTROPIN)

CZECHOSLOVAKIA

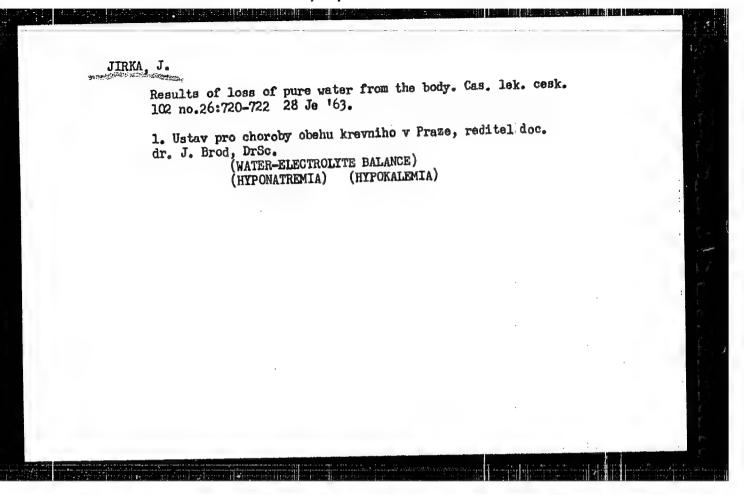
JIRKA, J., Institute for Blood-Circulation Diseases (Ustav pro choroby obehu krevniho), Prague, Docent Dr J. BROD, Dr of Sciences, director.

"Consequences of the Loss of Water in Organism"

Prague, Casopis Lekaru Ceskych, Vol CII, No 26, June 63, pp 720-722.

Abstract [Author's English summary, modified]: The most common causes of water deficit are described (without simultaneous Na deficit), and presented is the pathophysiological and clinical picture. Diagnosis is relatively simple if history and physical examination are correctly analyzed; laboratory test may not be necessary. A comparison is made between effect of pure water deficit and mixed water-and-salt deficit. Water deficit is often combined with K deficit. Potassium must be therefore applied in rehydration. Graph.

1/1



JIRKA, J.; FENCL, V.; HURYCH, J.; HORNYCH, A.

Intermittent peritoneal dialysis. Cas. lek. cesk. 103 no.47:
1289-1299 20 N *64.

1. Ustav pro choroby krevniho, Praha-Krc, (reditel prof. dr.
J. Brod, DrSc.).

JIRKA, J. Technicka spoluprace: HORACKOVA, D.; KOTRBATA, M.; SAFAROVA, S.

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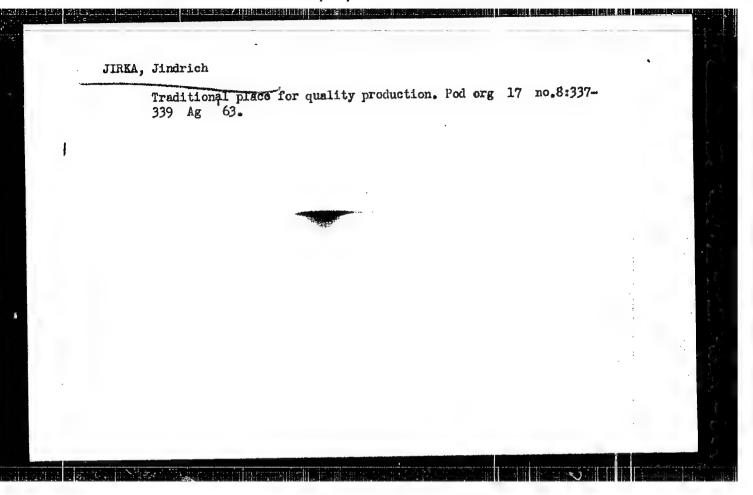
On administration of Psychoton in chronic renal insufficiency. Cas. lek. cesk. 104 no.3:71-75 22 Ja *65

1. Ustav pro choroby obehu krevniho v Praze-Krci (reditel - prof. dr. J. Brod. DrSc.).

BROD, J., prof. dr., DrSc.; HEJL, Z.; ULRYCH, M.; JIRKA, J.

Hemodynamics of the vascular bed of muscles in cardiac insufficiency.
Cas. lek. cesk. 104 no.11s281-286 19 Mr'65.

1. Ustav pro choroby obehu krevniho v Praze (reditel: prof. dr.
J. Brod, DrSc.).



JIRKA, Milan

Immunoelectrophoresis of proteins in sweat and on the problem of its use in the laboratory diagnosis of much iscidosis. Acta Univ. Carol. [med.] (Praha) 10 no.1:69-74 '64

1. Ustav vyzkumu vyvoje ditete fakulty detskeho lekarstvi University Karlovey v Praze; reditel: prof. MUDr. J. Houstek, DrSc.

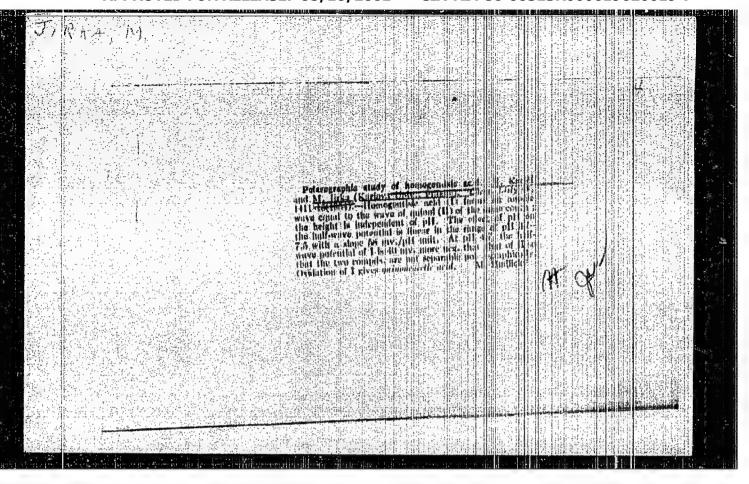
JIRKA, M.; RICHTER, A.F.

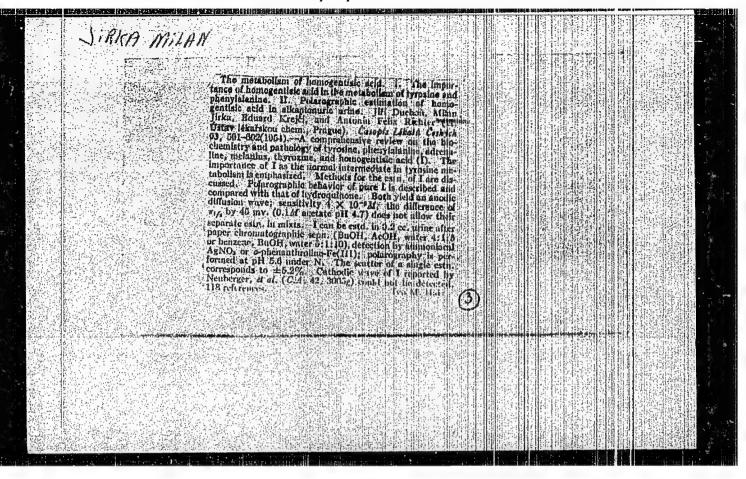
Porphyrin as a byproduct in preparation of diphtheria toxins.

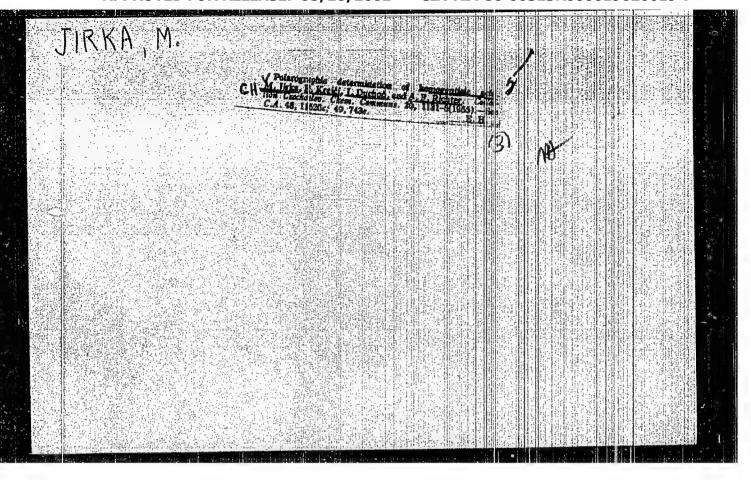
Cas.cesk.lek.Ved.priloha 63 no.9-12:213-219 Dec 1950. (CIML 20:9)

1. Of the Second Institute of Medical Chemistry (Head--Prof. A.F. Richter, M.D.) of Charles University, Prague.

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619620019-7







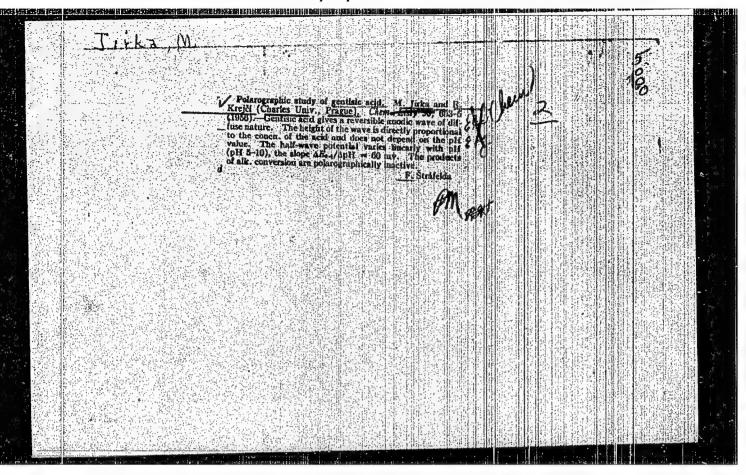
JIRKA, M.; K anotaci Dr V. Hoeniga a V. Dostalove

A simple and exact test for determination of bilirubin in urine.

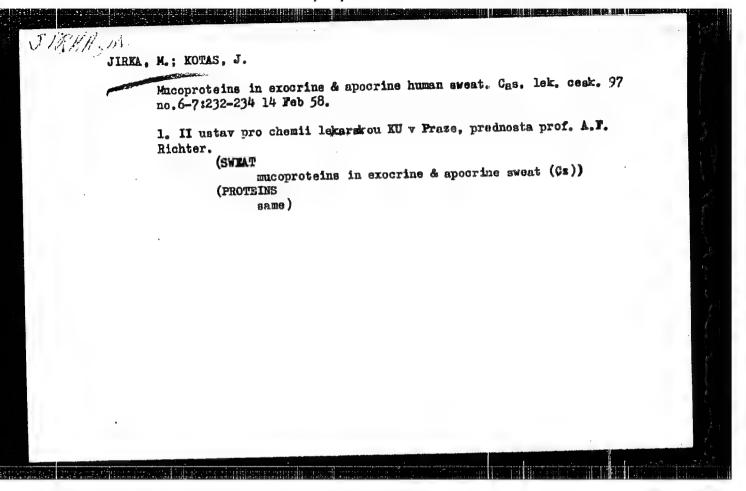
Prakt.lek., Praha 35 no.7:165-166 5 Apr 55.

1. Z II. ustavu pro chemii lekarskou Karlovy university v Praze. Prednosta MUDr A.F.Richter. (URINE

bilirubin determ., simple method)
(BILIRUBINE, in urine,
determ., simple method)



H-17 Czechoslovakia Country Satogory= 46870 Mos. Jour. : Jirka M. aut...r Institut. : Polarographic Determination of Gentisic Acid Title in Pharmaceutical Preparations Orig. Pub. : Ceskosl. farmac., 1957, 6, No 10, 609-610 Abstract : A dragée containing ~ 0.3 g Na-salt of gentisic acid is ground in a mortar and extracted 3 times with water. The solution is filtered and adjusted to 100 ml. 0.1 ml of this solution mixed with 4.9 ml carbonate electrolyte (1 part by volume 0.05 M Na₂CO₃ and 9 parts by volume 0.1 M NaHCO₃) and subjected to polarography. See RZhKhim, 1957, No 5, 14919. -- T. Zvarova. Card: H-43



JIRKA, M.

Polarographic estimation of gentisic acid in biological material. Cas. lek. cesk. 97 no.6-7:237-239 14 Feb 58.

1. II ustav pro chemii lekarskou KU v Praze, prednosta prof. A. T. Richter. (GENTISATES, determ. gentisic acid in biol. material, polarography (Gz))

JIRKA, M.: KOTAS, J.

"Contribution to the composition of horse sweat"

Ceskoslovenska Fysiologie. Praha, Czechoslovakia. Vol. 8, No. 1, Jan 1959

Menthly list of East European Accessions (EEAI), LC, Vol. 8, No. 7, July 59, Unclas

JIRKA, M.; KOTAS, J.; SKRAMOVSKY, V.

Contribution to the excretion of proteins with sweat. Cas.lek.cesk 100 no.7:107-109 17 F '61.

1. II. ustav pro lekarskou chemii KU v Praze, prednosta prof. MUDr. A. F. Richter, doktor lekarskych ved a Oddeleni pro klinickou chemii, prednosta prof. MUDr. J. Sula, doktor lekarskych ved.

(SWEAT chem) (PROTEINS metab)

Recent findings on the biochemistry of alkaptonuria. Cas. Lek. Cesk. 101 no.9:277-281 2 Mr '62. 1. II ustav pro lekarskou chemii KU v Praze, prednosta prof. MUDr. J. Sula, DrSc. (ALKAPTONURIA)

JIRKA, M.; KOTAS, J.; KRIZEK, V.

Concentration of sodium, potassium and total nitrogen in perspiration from the back and axilla during thermoregulation. Cas. Lek. Cesk. 101 no.15:473-475 13 Ap *62.

1. II ustav pro chemii lekarskou KU, Praha, prednosta prof. dr. J. Sula, Ustredni laborator detske fakultni nemocnice pod Petrinem, Praha, prednosta MUDr. J. Kotas. Vyzkumny ustav balneologicky, Marianske Lazne, prednosta prof. dr. K. Prerovsky.

(SWEAT chemistry) (POTASSIUM chemistry) (NITROGEN chemistry)

JIRKA, M.

Alkaptonuria as a disorder of aromatic amino acid metabolism. Cesk. pediat. 18 no.5:425-429 My 163.

1. Ustav vyzkumu vyvoje ditete pri fakulte detskeho lekarstvi KU v Praze, reditel prof. dr. J. Houstek. (ALKAPTONURIA) (PROTEIN METABOLISM DISORDERS) (METABOLIC DISEASES) (AMINO ACIDS)

is excreted by glomerular filtration and tubular secretion and corresponds to the clearance of p-aminohippuric acid. Benemid reduces the excretion. Gentisic acid is reabsorbed by the tubules, thereby APPROVED FOR RELEASE 108/10/2001 CIA-RDP86-00513R000619620019-7" port through the tubular cells proceeds in the opposite Office 20019-7" proceeds in the special proceeds in the opposite office 20019-7" proceeds in the opposite office 20019-7" (Ms. rec. Mar 66).

CZECHOSLOVAKIA

PELIKAN, V., Prof, MD, Candidate of Sciences, KALAB, H., and JIRKA, Z., Institute for the Physical Culture Medicine (Ustav telovychovneho lekarstvi), Faculty of Medicine (Lekarska fakulta), Palacky University, Olomouc, Prof. V. PELIKAN, MD, Candidate of Sciences, director.

"Tryptophane Metabolism in Sports"

Prague, Casopis Lekaru Ceskych, Vol CII, No 35, 30 August 63, pp 96'/-969.

Abstract [Authors' English summary]: The paper deals with the elimination of xanthurenic acid in three groups of persons after an intake of 5 grams of dl-tryptphane. The possibility was studied of affecting the tryptophane metabolism by high doses of vitamin B₆. Experiments confirmed that sports activities increase the elimination of tryptophane metabolites. The results prove that it is necessary to secure a sufficient intake of pyridoxine as a supplement of food containing large quantities of tryptophane. Twenty-eight references, including 2 Czech and 1 Russian.

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PELIKAN, V.; KALAB, M.; NOVOSADOVA, J.; JIRKA, Z.

Determination of tryptophan metabolism during sports activity.

Gas. lek. cesk. 102 no.35:967-969 30 Ag '63.

1. Ustav telovychovneho lekarstvi lekarske fakulty FU v Olomouci, prednosta prof. dr. V. Felikan, CSc.

(TRYPTOPHAN) (METABOLISM) (EXERTION)

(XANTHURENATES) (SPORT MEDICINE)

1. 37793-66 EWP(j) IJP(c) RM SOURCE CODE: CZ/0008/65/000/010/1201/1222 AUTHOR: Stepek, Jiri; Jirkal, Cenek ORG: College for Chemical Technology, Prague (Vysoka skola chemicko-technologicka)
TITIE: Thermal and photostability and stabilization of polyvinyl chloride
SOURCE: Chemicke listy, no. 10, 1965, 1201-1222
TOPIC TAGS: polyvinyl chloride, organotin compound, polymer, plasticizer
ABSTRACT: Protection of polyvinyl chloride product during manufacturing operations are reviewed. Protection against oxygen and requirements for plasticizers are discussed. Stabilizers based on metal salts, synergic mixtures of metal stabilizers, stabilizers based on organostannates, mechanism of protection by the organostannates, and the synergic effect of the organostannate stabilizers are discussed. Organic stabilizers are evaluated. Protection of the polymer from UV light is discussed. Antioxidants liberating hydrogen and those of the amine type that effect protection by combining with undesirable radicals, and reactions caused in the polymer due to the use of the discussed chemicals are reviewed. Orig. art. has: 9 formulas. [JPRS: 33,544]
SUB CODE: 07 / SUBM DATE: none / ORIG REF: 008 / SOV REF: Oll OTH REF: 155
Card 1/1 1/1 0917 2382.

		S/081/62/000 B166/B186	/024/050/052		
AUTHORS:	Vymazal, Zdeněk, Jirkal, Če	něk		. !!	
TITLE:	Macromolecular compounds as		uotors	.:	
PERIODICAL	Referativnyy zhurnal. Khimabstract 24R197 (Kauduk a 1	niya, no. 24 (II), plast. hmoty, no.	1962, 1061, 1, 1962, 8-11	:	
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THAI-DUY-BICH; PIACHY, V.; JICHA, J.; JIRKAIOVA, V.

The activity of lactate dehydrogenase and matate dehydrogenase in babies and their changes in diarrheal diseases. Cesk. padiat. 20 no.7:588-593 Jl '65.

l. Detska klinika lekarske fakulty Karlovy University v Hradel Kralove (prednosta prof. dr. J. Blecha, DrSc.) a Ustredni biochemicke laboratore fakultni nemocnice v Hradei Kralove (vedouci MUI. J. Jicha).

JIRKOVA, R.; KODOUSEK, R.

Plasmocytic myeloma with cryoglobulinemia and skin changes. Cesk. derm. 36 no.1:41-44 F '62.

1. Dermatovenerologicka klinika, prednosta prof. MUDr. G. Lejhanec Pat.-anat. ustav lek. fak. Palackheo university v Olomouci, zast. predn. MUDr. R. Kodousek. (MYELOMA PLASMA CELL pathol) (SKIN pathol) (SERUM GLOBULIN)

JIRKOVA, R.; CERNA, I.; ROTHSCHILD, L.

Chromidrosis. Cesk. derm. 37 no.3:168-170 Je 162.

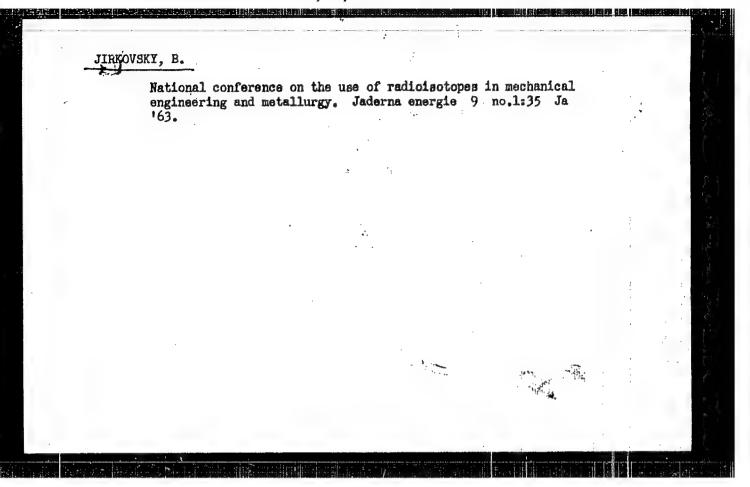
1. Dermatovenerologicka klinika lekarske fakulty University Palacheho v Olomouci, prednosta prof. dr. G. Lejhanec Mikrobiologicky ustav lekarske fakulty University Palackheo v Olomouci, prednosta doc. RNEr. E. Marsalek.

(SWEATING)

JIRKOVSKY, I.; PROFIVA, M.

Synthetic tests in the group of active hypotensive alkaloida.
Pt.33. Coll Cz Chem 29 no.2:400-409 F '64.

1. Research Institute of Pharmacy and Biochemistry, Frague.



JILEK, J.O.; POMYKACEK, J.; JIRKOVSKY, I.; PROTIVA, M.

Synthetic ataractics. K. Improved methods of preparation of phenoharman. Cesk. farm. 13 no. 5:229-233 Je'64

1. Vyzkumny ustav pro farmacii a biochemii, Praha.

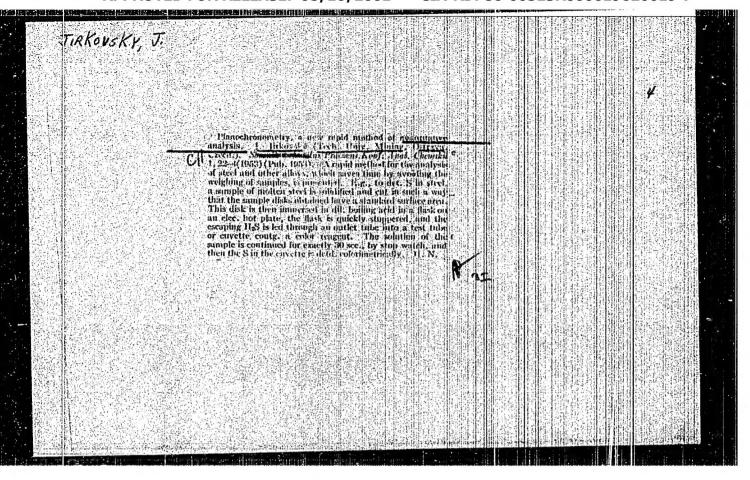
CZECTOSLOVALIA

JIRKOVSKY, I; ERNEST, I; PROTIVA, M.

Research Institute of Pharmacy and Biochemistry (Forschungsinstitut fuer Pharmazie und Biochemie), Prague (for all)

Prague, Collection of Czechoslovak Chemical Communications, No 10, 1965, pp 3355-3359

"Synthetic Experiments in the Group of Hypotensively Active Alkaloids. XXXVII. New Phenohydroxyacetic Acid - and Phenylmercaptoacetic Acide Esters of Methylreserpate."



JIRKOVSKY J.

CZECHOSLOVAKIA

PROTIVA, M; JILEK, J; POMYKACEK, J; JIRKOVSKY, J; VEJDELEK, Z.

Research Institute of Pharmacy and Biochemistry (Forschungsinstitut für Pharmazie und Biochemie), Prague (for all)

Prague, Collection of Czechoslovak Chemical Communications, No 10, 1963, pp 2627-2635

"Synthetic Analgetica V. Synthetic Experiments on a Base of 4-phenyl-4-Carbethoxypiperidine (Norpethidine)."

(5)

JIRKOVSKY, J.; PROTIVA, M.

Synthetic experiments in the group of hypotensive active alkaloids. Pts. 27-28. Coll Cz Chem 28 no.10:2577-2587 0 '63.

1. Forschungsinstitut fur Pharmazie und Biochemie, Prag.

PROTIVA, M.; JILEK, J.O.; POMYKACEK, J.; JIRKCVSKY, J.; VEJLELEK, Z.J. SEIDLOVA, V.

Synthetic analgesics. Pts. 5-6. Coll Cz Chem 28 no.10:2627-2636, 2621-2824 0 '63.

1. Forschung Institut fur Pharmazie und Biochemie, Prag.